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PN - JP 09218867 A 19970819 [JP09218867]

TI - DATA COMPRESSION DEVICE AND DATA RESTORATION DEVICE

IN - OKADA YOSHIYUKI

PA - FUJITSU LTD

AP - JP02352396 19960209 [1996JP-0023523]

IC1 - G06F-017/21

IC2 - G06F-005/00

AB - PROBLEM TO BE SOLVED: To improve compression performance by dividing respective languages or the respective kinds of the characters of different statistical properties within the respective languages and compressing them for a unicode or the like for instance for which the different languages coexist.

- SOLUTION: For compression, after separating a data string into language strings for the respective languages discriminated in a language discrimination means 10 in a language string separation means 12, they are compressed in a language string compression means 14. For restoration, from the respective language strings restored in a language string restoration means 20, the data string where the plural kinds of language codes coexist is restored by a language string reconstitution means 22. In the case of Japanese source data, division for each different byte constitution or the division for each character kind inside the code is performed and the compression and the restoration are performed. Further, the compression and the restoration can be performed by unifying the byte constitution.

- COPYRIGHT: (C)1997,JPO

Search statement 21

?PRT TI PN SET

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TI - INFORMATION TERMINAL EQUIPMENT AND PICTURE DATA PROCESSING METHOD

PN - JP 11353092 A 19991224 [JP11353092]

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TI - DATA COMPRESSION DEVICE AND DATA RESTORATION DEVICE

PN - JP 09218867 A 19970819 [JP09218867]

Search statement 21

?FILE INSPEC

Subaccount CA802-0203

JAPIO - Time in minutes : 1,77

The cost estimation below is based on Questel's standard price list

Estimated cost : 3.24 USD

Requested Patent: JP9218867A

Title: DATA COMPRESSION/DECOMPRESSION APPARATUS AND METHOD ;

Abstracted Patent: EP0789460, B1 ;

Publication Date: 1997-08-13 ;

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Applicant(s): FUJITSU LTD (JP) ;

Application Number: EP19960305634 19960731 ;

Priority Number(s): JP19960023523 19960209 ;

IPC Classification: H03M7/30 ;

Equivalents: DE69612832D, DE69612832T, US5889481 ;

ABSTRACT:

A compressing apparatus separates a data string inputted from source data of a Unicode in which different languages mixedly exist into a language string of each language and, after that, compresses the data string every language string. When decompressing, each language string is decompressed from the compressed data of every different language and the original data string in which a plurality of kinds of language codes mixedly exist is decompressed by using language change information obtained upon compression. In case of special language source data, for example, Japanese source data, the compression and decompression are separately executed for every different byte construction. The compression and decompression are also separately executed for every character kind in the code. Further, the compression and decompression can be also performed by unifying the byte construction.